

GenCore version 4.5  
Copyright (c) 1993 - 2000 CompuGen Ltd.  
OM protein - protein search, using sw model  
Run on: January 3, 2002, 21:35:19 ; Search time 23.09 Seconds  
(without alignments)  
899.547 Million cell updates/sec  
Title: US-09-497-822a-19  
Perfect score: 4912  
Sequence: 1 MEVOLGLGRVYPPKTYR.....SVQVPKILSGKVKPIYFHTQ 923  
Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5  
Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252  
Minimum DB seq length: 0  
Maximum DB seq length: 2000000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 15 summaries  
Database : Issued\_Patents\_AA:\*  
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3: /cgn2.6/prodata/2/1aa/6A-COMB.pep:\*  
4: /cgn2.6/prodata/2/1aa/6B-COMB.pep:\*  
5: /cgn2.6/prodata/2/1aa/PCTUS-COMB.pep:\*  
6: /cgn2.6/prodata/2/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES				Query		Description	
Result No.	Score	Match	Length	ID			
1	4838.5	98.5	918	4	US-09-041-886-11	Sequence 11, Appl	
2	2429	49.5	452	4	US-08-764-870-16	Sequence 16, Appl	
3	2429	49.5	452	4	US-08-980-115-16	Sequence 16, Appl	
4	1261	25.7	933	4	US-08-764-870-14	Sequence 14, Appl	
5	1261	25.7	933	4	US-08-980-115-14	Sequence 14, Appl	
6	1127	22.9	363	6	5223606-6	Patent No. 5223606	
7	1078.5	22.0	984	4	US-08-764-870-15	Sequence 15, Appl	
8	1078.5	22.0	984	4	US-08-980-115-15	Sequence 15, Appl	
9	1065	21.7	795	1	US-07-716-827C-5	Sequence 5, Appl	
10	1042	21.2	777	4	US-08-764-870-13	Sequence 13, Appl	
11	1042	21.2	777	4	US-08-980-115-13	Sequence 13, Appl	
12	959.5	19.5	356	6	5223606-7	Patent No. 5223606	
13	795	16.2	154	4	US-09-041-886-32	Sequence 32, Appl	
14	644.5	13.1	534	3	US-08-875-223-8	Sequence 8, Appl	
15	644	13.1	284	2	US-08-592-214A-24	Sequence 24, Appl	
16	644	13.1	284	3	US-09-149-976-24	Sequence 24, Appl	
17	636	12.9	284	3	US-08-659-188-20	Sequence 20, Appl	
18	636	12.9	284	3	US-08-655-227-20	Sequence 20, Appl	
19	636	12.9	284	3	US-08-655-241-20	Sequence 20, Appl	
20	484.5	9.9	596	2	US-08-836-620A-16	Sequence 16, Appl	
21	481	9.8	595	4	US-08-764-870-12	Sequence 12, Appl	
22	481	9.8	595	4	US-08-980-115-12	Sequence 12, Appl	
23	478	9.7	591	2	US-08-836-620A-17	Sequence 17, Appl	
24	478	9.7	595	4	US-09-041-886-35	Sequence 35, Appl	
25	442.5	9.0	484	2	US-08-836-620A-14	Sequence 14, Appl	
26	442.5	9.0	485	2	US-08-836-620A-5	Sequence 5, Appl	
27	439	8.9	484	2	US-08-836-620A-13	Sequence 13, Appl	

28	439	8.9	485	2	US-08-836-620A-2	Sequence 2, Appl
29	437.5	8.9	485	2	US-08-836-620A-3	Sequence 3, Appl
30	437.5	8.9	548	4	US-09-139-617-1	Sequence 1, Appl
31	428.5	8.7	384	2	US-08-836-620A-15	Sequence 15, Appl
32	418.5	8.5	410	6	5223606-5	Patent No. 5223606
33	400	8.1	418	3	US-09-141-000-6	Sequence 6, Appl
34	400	8.1	435	3	US-09-040-508-2	Sequence 2, Appl
35	400	8.1	458	3	US-09-141-000-4	Sequence 4, Appl
36	385.5	7.8	431	2	US-08-836-620A-19	Sequence 19, Appl
37	385.5	7.8	500	3	US-09-141-000-2	Sequence 2, Appl
38	381	7.8	525	4	US-08-764-870-7	Sequence 7, Appl
39	381	7.8	525	4	US-08-980-115-7	Sequence 7, Appl
40	379	7.7	518	2	US-08-836-620A-18	Sequence 18, Appl
41	358	7.3	533	1	US-07-952-800-2	Sequence 2, Appl
42	338	6.9	467	1	US-08-336-408B-4	Sequence 4, Appl
43	338	6.9	467	5	PCT-US91-00399-4	Sequence 4, Appl
44	337.5	6.9	462	1	US-08-336-408B-2	Sequence 2, Appl
45	337.5	6.9	462	4	US-08-764-870-6	Sequence 6, Appl

ALIGNMENTS

RESULT 1  
US-09-041-886-11  
; Sequence 11, Application US/09041886  
; Patent No. 6235872  
; GENERAL INFORMATION:  
; APPLICANT: Bredesen, Dale E.  
; APPLICANT: Kabizadeh, Sharroz  
; TITLE OF INVENTION: Proapoptotic Peptides, Dependence  
; TITLE OF INVENTION: Polypeptides and Methods of Use  
; NUMBER OF SEQUENCES: 72  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/041,886  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LJ 2626  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 918 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-041-886-11

Query Match Score 4838.5; DB 4; Length 918;  
Best Local Similarity 98.5%;  
Matches 914; Conservation 0; Mismatches 1; Indels 11; Gaps 2;  
QY 1 MEVOLGLGRVYPPKTYRGAFTQNFQSVREVITQNPGRHPEAASAPGASLLLLQQQ 60  
Db 1 MEVOLGLGRVYPPKTYRGAFTQNFQSVREVITQNPGRHPEAASAPGASLLLL--- 57



Db 361 DELRMNVIKELDRIIACKRNPTSCSRFFYQTLKLDVSQPIARELHQFTFOLLIKSHMV 420  
QY 892 SVDPEPMAEIIISVQVPKILSGVKPIYFHTQ 923  
Db 421 SVDPEPMAEIIISVQVPKILSGVKPIYFHTQ 452  
RESULT 3  
US-08-980-115-16  
; Sequence 16, Application US/08980115  
; Patent No. 626622  
; GENERAL INFORMATION:  
; APPLICANT: Scanlan, Thomas S.  
; APPLICANT: Baxter, John D.  
; APPLICANT: Fletterick, Robert J.  
; APPLICANT: Wagner, Richard L.  
; APPLICANT: Kushner, Peter J.  
; APPLICANT: Apriletti, James W.  
; APPLICANT: West, Brian L.  
; APPLICANT: Shiau, Andrew K.  
; TITLE OF INVENTION: NUCLEAR RECEPTOR LIGANDS AND LIGAND BINDING DOMAINS  
; FILE REFERENCE: UCAL-246/0205  
; CURRENT APPLICATION NUMBER: US/08/980,115  
; CURRENT FILING DATE: 1997-11-26  
; EARLIER FILING DATE: 1996-12-13  
; EARLIER APPLICATION NUMBER: 60/008,606  
; EARLIER FILING DATE: 1995-12-14  
; EARLIER APPLICATION NUMBER: 60/008,543  
; EARLIER FILING DATE: 1995-12-13  
; EARLIER APPLICATION NUMBER: 60/008,540  
; EARLIER FILING DATE: 1995-12-13  
; SOFTWARE: Patent In Ver. 2.0  
; SEQ ID NO 16  
; LENGTH: 452  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: DOMAIN  
; LOCATION: (184)..(437)  
; OTHER INFORMATION: minimal ligand binding domain  
US-08-980-115-16  
Query Match 49.5%; Score 2429; DB 4; Length 452;  
Best Local Similarity 99.8%; Pred. No. 1.4e-171;  
Matches 451; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 472 GGGGGAAGAVPYGYTRPPQGLAGQESDFTAPDVWYPGMVSRVYPSPTCVKSEMGPMW 531  
Db 1 GGGGGAAGAVPYGYTRPPQGLAGQESDFTAPDVWYPGMVSRVYPSPTCVKSEMGPMW 60  
QY 532 DSYSGPYGDMRLTARDHVLIDYFPQKTLICGDEASGCHYGALTGCSCKVFKRAA 591  
Db 61 DSYSGPYGDMRLTARDHVLIDYFPQKTLICGDKASGCHYGALTGCSCKVFKRAA 120  
QY 592 EGKQYLCASRNDCTIDKFRKNCPSRLRCKYEAGMTLGARKLKLGNLKQEEGEASS 651  
Db 121 EGKQYLCASRNDCTIDKFRKNCPSRLRCKYEAGMTLGARKLKLGNLKQEEGEASS 180  
QY 652 TTSPTTEETOKLTVSHTEGECQIFINVLLEATPGVVCAGHNNQDPSFAALLSSINEL 711  
Db 181 TTSPTTEETOKLTVSHTEGECQIFINVLLEATPGVVCAGHNNQDPSFAALLSSINEL 240  
QY 712 GERQLVHVVKWAKALPGFRNLHVDQMAVLOYSNMGLMVFAMGWRSTVWNSRMILYFAPD 771  
Db 241 GERQLVHVVKWAKALPGFRNLHVDQMAVLOYSNMGLMVFAMGWRSTVWNSRMILYFAPD 300  
QY 772 LVFNEYRMHKSRYMSQVVRMHLISQEGFWLQITPQEFCLMKALLLSFIIPVDGLKNQKFF 831  
Db 301 LVFNEYRMHKSRYMSQVVRMHLISQEGFWLQITPQEFCLMKALLLSFIIPVDGLKNQKFF 360

QY 832 DELRMNVIKELDRIIACKRNPTSCSRFFYQTLKLDVSQPIARELHQFTFOLLIKSHMV 891  
Db 361 DELRMNVIKELDRIIACKRNPTSCSRFFYQTLKLDVSQPIARELHQFTFOLLIKSHMV 420  
QY 892 SVDPEPMAEIIISVQVPKILSGVKPIYFHTQ 923  
Db 421 SVDPEPMAEIIISVQVPKILSGVKPIYFHTQ 452  
RESULT 4  
US-08-764-870-14  
; Sequence 14, Application US/08764870  
; Patent No. 6236946  
; GENERAL INFORMATION:  
; APPLICANT: Scanlan, Thomas S.  
; APPLICANT: Baxter, John D.  
; APPLICANT: Fletterick, Robert J.  
; APPLICANT: Wagner, Richard L.  
; APPLICANT: Kushner, Peter J.  
; APPLICANT: Apriletti, James W.  
; APPLICANT: West, Brian  
; TITLE OF INVENTION: Nuclear Receptor Ligands and Ligand  
; TITLE OF INVENTION: Binding Domains  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooley Godward  
; STREET: Five Palo Alto Square, 3000 El Camino Real  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/764,870  
; FILING DATE: 13-DEC-1996  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/008,540  
; FILING DATE: 13-DEC-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/008,543  
; FILING DATE: 13-DEC-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/008,606  
; FILING DATE: 14-DEC-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Nakamura, Jackie  
; REGISTRATION NUMBER: 35,966  
; REFERENCE/DOCKET NUMBER: UCAL-246/0105  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (650)843-5000  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 933 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-764-870-14  
Query Match 25.7%; Score 1261; DB 4; Length 933;  
Best Local Similarity 34.1%; Pred. No. 6.9e-85;  
Matches 346; Conservative 128; Mismatches 316; Indels 224; Gaps 34;  
QY 38 GPRHPEAASAP-----PGA-----SLILLQQQQQQQQQ 66  
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RESULT 5  
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; Sequence 14, Application US/08980115  
; Patent No. 6266622  
; GENERAL INFORMATION:  
; APPLICANT: Scanlan, Thomas S.  
; APPLICANT: Baxter, John D.

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Db 482 APGAGCILLPRDGLPSTASAAAAA-APALY--PALGLNG-----LPOLGYOAAVLKE 532
QY 515 -VPYSPPTCVKSEMGPMWDSYSGPYGDMRLTARDHVLPTDYFP--PQKTLICGDEAS 571
Db 533 GLPQVYPPYL-NYLRPDSEASQSP-----QYSFESLPQKICLICGDEAS 575
QY 572 GCHYGALTCGCKVFFKRAAGKOKYLCAASNDCTIDKFRKNCPCRLRKKCYEAGMTLG 631
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QY 632 ARKLKLGKLNKLOEGEASSTSP-----TEETOKLVSHIEGYECQPIFLNVLEATE 685
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QY 686 PGVVCAGHDNNQDPSAALSSNLGELGOLVHVWAKALPCFRNLHVDQNAVYQISW 745
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QY 806 QEFELCKALLFSIIPVGLKNGKFFDELRMVYIKELDRHIAKKNPTSCSRRYQLTK 865
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QY 866 LLDVQPIARELHQFTFDLLIKSHMVSDPPEMMAELISVQVPKILSGKVKPIYEH 921
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RESULT 6
5223606-6
;PATENT NO. 5223606
;APPLICANT: BLAUDIN DE THE, HUGHES;MARCHIO, AGNES-TIOLLAIS,
;PIERRE;DEJEAN, ANNE
;TITLE OF INVENTION: STEROID/THYROID HORMONE RECEPTOR-RELATED
;PROTEIN INAPPROPRIATELY EXPRESSED IN HUMAN HEPATOCELLULAR CARCINOMA
;NUMBER OF SEQUENCES: 11
;CURRENT APPLICATION DATA:
;APPLICATION NUMBER: US 07/134,130
;FILING DATE: 17-DEC-1987
;PRIORITY APPLICATION DATA:
;SEQ ID NO.6:
;LENGTH: 363
5223606-6

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Best Local Similarity 56.0%; Pred. No. 1.5e-75;
Matches 202; Conservative 72; Mismatches 85; Indels 2; Gaps 1;

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QY 623 CYEAGMTLGARKLKLKNGKLOEGEASSTSP--ETTOKLVSHIEGYECQPIFLNV 680
Db 61 CQAGMVLGGRRKFKFNKVRVRAVDALPQPLGVNPEASQALSRFTFSPGQDITLIP 120
QY 681 LEATPPGVVCAHNNQDPSAALSSNLGELGOLVHVWAKALPCFRNLHVDQNAV 740
Db 121 LMSIEPDVIYAGHDNTKPTSSLLTSNLQGERQLLSVVKWSKSLPFRNLHDDQIT 180
QY 741 IYQSWGLMVFAMGWRSTNNVNSRMLYFAPDLVFNEXRMHKSRYMYSOCVRMRHLSQ 800
Db 181 IYQSWGLMVFAMGWRSTNNVNSRMLYFAPDLVFNEXRMHKSRYMYSOCVRMRHLSQ 800
QY 801 LQITPQEFELCKALLFSIIPVGLKNGKFFDELRMVYIKELDRHIAKKNPTSCSR 860
Db 241 LQVQEEFLCKMVLNTIPLGRLSOTOFEEHRSYIRELKAIGLRQKGVVSSSQRF 300
QY 861 YQLTKLLDSVOPTARELHQFTFDLLIKSHMVSDPPEMMAELISVQVPKILSGKVK 920

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Db 301 YOLTKLLDNLHDLVKQLHYCLNTFIQSRLASVFEPMSEVIAAQLPKILAGVKPKLLF 360
QY 921 H 921
Db 361 H 361

RESULT 7
US-08-764-870-15
; Sequence 15, Application US/08764870
; Patent No. 6236946
; GENERAL INFORMATION:
; APPLICANT: Scanlan, Thomas S
; APPLICANT: Baxter, John D
; APPLICANT: Fletcher, Robert J
; APPLICANT: Wagner, Richard L
; APPLICANT: Kushner, Peter J
; APPLICANT: Apriletti, James W
; APPLICANT: West, Brian
; TITLE OF INVENTION: Nuclear Receptor Ligands and Ligand
; TITLE OF INVENTION: Binding Domains
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward
; STREET: Five Palo Alto Square, 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/764,870
; FILING DATE: 13-DEC-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/008,540
; FILING DATE: 13-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/008,543
; FILING DATE: 13-DEC-1995
; APPLICATION DATA:
; APPLICATION NUMBER: US 60/008,606
; FILING DATE: 14-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakamura, Jackie N
; REGISTRATION NUMBER: 35,966
; REFERENCE/DOCKET NUMBER: UCAL-246/01US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650)843-5000
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 984 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-764-870-15

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Query Match 22.0%; Score 1078.5; DB 4; Length 984;
Best Local Similarity 32.8%; Pred. No. 2.2e-71;
Matches 300; Conservative 101; Mismatches 254; Indels 259; Gaps 30;

QY 98 SPOAHRRTGTGYL-----VLDEEQP-SQPOSALCEHPGCVPEP-----GAVAASK 145
Db 238 SPNAENGRSHPAHASVNGSPLSSPMKSSISSPSHCSVKSPVSSPNNVTLRSSV 297
QY 146 GLPQQL-----PAPDDEDD-----SAAPSTL-SLLGP-----TPPGLSSCSADLKD 185

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; TITLE OF INVENTION: NUCLEAR RECEPTOR LIGANDS AND LIGAND BINDING DOMAINS
; FILE REFERENCE: UCAL-246/02US
; CURRENT APPLICATION NUMBER: US/08/980,115
; CURRENT FILING DATE: 1997-11-26
; EARLIER APPLICATION NUMBER: 08/764,870
; EARLIER FILING DATE: 1996-12-13
; EARLIER APPLICATION NUMBER: 60/008,606
; EARLIER FILING DATE: 1995-12-14
; EARLIER APPLICATION NUMBER: 60/008,543
; EARLIER FILING DATE: 1995-12-13
; EARLIER APPLICATION NUMBER: 60/008,540
; EARLIER FILING DATE: 1995-12-13
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 984
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: DOMAIN
; LOCATION: (695)..(969)
; OTHER INFORMATION: minimal ligand binding domain
; US-08-980-115-15

Query Match 22.0%; Score 1078.5; DB 4; Length 984;
Best Local Similarity 32.8%; Pred. No. 2.2e-71;
Matches 300; Conservative 101; Mismatches 254; Indels 259; Gaps 30;

QY 98 SPQHRGRGTGYL-----VLDEEQP-SQPSALECHPERGCVPEP-...-GAVAASK 145
Db 238 SPNAENGRGSRSHPAHANVGSPLSLSSMKSSISSPSHCSVKSVPSSPNVTLRSV 297
QY 146 GLPQQL-----PAPDEDD-----SAAPSTL-SLLGP-----TFPLSCSADLKD 185
Db 298 SSPANINNSRCVSSFSNTNNRSTLSSPAASIVGTCSPVNAFVSATSGTSAGSSTLRD 357
QY 186 ILSEASTMQLLOQO-----QOEAVSEGSSSGRA-----REASGAPTSKDNVLTGT 231
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QY 232 STISDNAKELCAVSVSMGLGVEALEHLSPEQLRGDCMYAPLLGVPPAVRPTPCAPLAE 291
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QY 292 CKGSLDDSDSAGKSTEDTAAY--SPFKGGYTKLEGESLGCSSGSAAGSGTLELPTLSL 349
Db 452 ----FMDGSYSEFMDKDYSLSGILGPPVPGFDG---NCEGS-----487
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Db 502 YYPEASIPSSAIVGVNSG-----GOSFHY-----525
QY 470 GGGGGGGAAGAVAPYGYTRPPQGLAQESDFTAPDVWVPGCMVSRVPYPSPTCKSEMGP 529
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QY 530 WMDSYSGPYGDMRLTARDHVLPIIDYVFP-----PQKTLICGDEASG 572
Db 560 WKS-----HGD--LSSRRSDGYPVLEYIPENVSSSTLRSVSTGSSRSKICLVCGDEASG 612
QY 573 CHYGALTCGCKVFFKRAAEKQKYLCAASNDCTIDFKRKNCPSCRLKCYEAGMTLGA 632
Db 613 CHYGVVTGCKSVKFFKRAVEGOHNYLCAGRNDCIIDKIRKNCPCACRLQCLQAGMNLGA 672
QY 633 RKLKLGKLNK-LQEEGEASS-----TTSPTETT-----QKLTVSH 667
Db 673 RSKKLGKLGKIHHEEQPQQQQPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP 732

Db 298 SSPANINNSRCVSSFSNTNNRSTLSSPAASIVGTCSPVNAFVSATSGTSAGSSTLRD 357
QY 186 ILSEASTMQLLOQO-----QOEAVSEGSSSGRA-----REASGAPTSKDNVLTGT 231
Db 358 VVSPDPTQEKGAQGVPPKPEEVEAISNGVTQLNIVQYIRPEPDGAFSSS---CLGN 414
QY 232 STISDNAKELCAVSVSMGLGVEALEHLSPEQLRGDCMYAPLLGVPPAVRPTPCAPLAE 291
Db 415 SKINSDS-----SFSVPKQESTKHSCTGTFKGN-----PTVNPFP-----451
QY 292 CKGSLDDSDSAGKSTEDTAAY--SPFKGGYTKLEGESLGCSSGSAAGSGTLELPTLSL 349
Db 452 ----FMDGSYSEFMDKDYSLSGILGPPVPGFDG---NCEGS-----487
QY 350 YKSGALDEAAAYOSRDYNYNFPALAGPPPPPPPPHARIKLENPLDYGSAWAAAAAOCR 409
Db 488 -----GFPVGIKQEP-----DDGS-----501
QY 410 YGDLASLHGAGAAGPGSGSPSAAASSSWHTLFTAEGQLYPCGCGGGGGGGGGGGGG 469
Db 502 YYPEASIPSSAIVGVNSG-----GOSFHY-----525
QY 470 GGGGGGGAAGAVAPYGYTRPPQGLAQESDFTAPDVWVPGCMVSRVPYPSPTCKSEMGP 529
Db 526 -----RIGAQGTISLSRSARDQSFOH-----LSSFP-PVNTLVES-----559
QY 530 WMDSYSGPYGDMRLTARDHVLPIIDYVFP-----PQKTLICGDEASG 572
Db 560 WKS-----HGD--LSSRRSDGYPVLEYIPENVSSSTLRSVSTGSSRSKICLVCGDEASG 612
QY 573 CHYGALTCGCKVFFKRAAEKQKYLCAASNDCTIDFKRKNCPSCRLKCYEAGMTLGA 632
Db 613 CHYGVVTGCKSVKFFKRAVEGOHNYLCAGRNDCIIDKIRKNCPCACRLQCLQAGMNLGA 672
QY 633 RKLKLGKLNK-LQEEGEASS-----TTSPTETT-----QKLTVSH 667
Db 673 RSKKLGKLGKIHHEEQPQQQQPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP 732
QY 668 IRGYEQCIPLANLBAIEPVGVCAGHDNNQDPSFAALLSSNLGELRGOLVHVVKWAKALP 727
Db 733 ----ALTPSPVNVLEIPEIYIAGYDSKPDTAENLLSTLNLAGKOMIQVVKWAKVLP 788
QY 728 GFRNLHVDQMAVIOYSNMGLVFMGWRSEFTNVSRLMIFAPDLVFNEMHKSRYMSQ 787
Db 789 GKNPLEDQITLIQISWMLCLSSPALSWSRYKHTNSQFLYFAPDLVFNEMHQSAMVEL 848
QY 788 CYMRHLSQEFGLQITPQEFCLMKALLFSITIPVDGLKNOKFPDELRMNVIKELDRIIA 847
Db 849 CGGMHQISLQFVRLQLTFEYTIMKVLVLLSTIPKDLGKLSQAFAFEEMRTNVIKELRMVT 908
QY 848 CRKNKPTCSRFRYQLTKLDSVQPIARELHQFTFDLLIKSHWSVDPEPMMAETISVQV 907
Db 909 KCFNNSGGQSWORFYQLTKLLDSMHLVLSLLEFCFTTTFRESHALKVPEPAMLVEIISDL 968
QY 908 PKTLGKVRPIYFH 921
Db 969 PKVESGNAPLIYH 982

RESULT 8
US-08-980-115-15
; Sequence 15, Application US/08980115
; Patent No. 6266622
; GENERAL INFORMATION:
; APPLICANT: Scanlan, Thomas S.
; APPLICANT: Baxter, John D.
; APPLICANT: Fletcher, Robert J.
; APPLICANT: Wagner, Richard L.
; APPLICANT: Kushner, Peter J.
; APPLICANT: Apriletti, James W.
; APPLICANT: West, Brian L.
; APPLICANT: Shiau, Andrew K.

Qy 668 IEGYECOPIFLNVLEATEPGVVCAGHNNOPDSFAALLSSNLGERQLVHVVKWAKALP 727  
Db 733 ---ALTPSPVWVLEIEPEIVAGYDSSKPDTAENLLSTNLACKQMTQVVKWAKVLP 788  
Qy 728 GFRNLHVDQMAVIOYSWMLGVFANGWRSFTVNSRMLYFADPLVFNEMHKSRYMSQ 787  
Db 789 GFKNLPLEDQITLJOYSWMLGSSFALSRSYKHTNSQFLYFADPLVFNEMHKSRYMSQ 848  
Qy 788 CVMRHLRSQFGLWLOITPOEFICMKAALLFSIIPVGLKNKQFFELRMNYTKELDRITA 847  
Db 849 CQGHQHSIQFVRLQTLFEYTMKVLULLSTIPKGLKSQAFAFEMRTNYTKELRMVY 908  
Qy 848 CKRKNPTSCRRYQTLTKLDSVOPIARELHQFTFDLLIKSHMVSVDFPEWMAEILSVQV 907  
Db 909 KCPNNSGOSMREYQTLTKLDSMHDLVSLDLEPCFFTFRESHALKVEFFAMVLEIISDOL 968  
Qy 908 PKILSGKVKPIYFH 921  
Db 969 PRVESGNAPLYF 982

RESULT 9  
US-07-716-827C-5  
; Sequence 5, Application US/07716827C  
; Patent No. 5215916  
; GENERAL INFORMATION:  
; APPLICANT: Simons Jr., Stoney S.  
; APPLICANT: Yamamoto, K. R.  
; APPLICANT: Chakraborti, P. K.  
; APPLICANT: Garabedian, M. J.  
; TITLE OF INVENTION: SUPER GLUCOCORTICOID RECEPTORS  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cushman, Darby & Cushman  
; STREET: Eleventh floor, 1615 L Street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20036-5601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/87716,827C  
; FILING DATE: (19910619)  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Scott, Watson T.  
; REGISTRATION NUMBER: 26,581  
; REFERENCE/DOCKET NUMBER: WTS/5683/84453  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)8613000  
; TELEFAX: (202)822-8944  
; TELEX: 6714627 CUSH  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 795 amino acids  
; TYPE: AMINO ACID  
; TOPOLOGY: linear  
US-07-716-827C-5

Query Match 21.7%; Score 1065; DB 1; Length 795;  
Best Local Similarity 32.0%; Pred. No. 1.6e-70;  
Matches 314; Conservative 110; Mismatches 268; Indels 288; Gaps 35;  
Qy 20 RGAONLFQSVR---EVIONFGPRHPPEAASAPPCASILLL-----QQQQQQQQQQQ 68  
Db 24 RGSVMDYFKSLRGATVKKVSSPSVAASQADSQKQRIILLDFSGKSTSNVQQRQQQQQ 83  
Qy 69 QQQQQQQQQQQQQQQQQQETSP-----RQQQQQQQED-GSPQHR-----RGPTGYLV 112

Db 84 QQQ 143  
Qy 113 DE-----EQQSQPOQSALECHPCEPCVPEGAANAAGKGLFQQLPAPPEDESDAAPTLS 167  
Db 144 EBSIANLRSTVSPENPKSSTATGC-----ATPEKE----- 176  
Qy 168 LIGPTFPGLSSCSADLKIDLSEASTMQLLOQQQEAFAVSESSSGRAREASGAPTSSKDN 227  
Db 177 -----FPKTH-----SDASS-----EQQNRKSTQTINGG-----SVKLY 205  
Qy 228 LGGTSTISDNKELCKAVSVSMGLGVLEALEHLSPEQLRGDCMYAPLLGVPPAVRPTPCA 287  
Db 206 PTDQSTF-----DULKLEFAG-----SPSKDTNESPWSRDL-----IDENLLS 246  
Qy 288 PLA-----ECKGSLDDDSAG--KSTEDTAEYSP-----FKGG 317  
Db 247 PLAGEDDPFLLEGNTNEDCKPLIIPDTKPKIKOTGDTILSSPSSVALPQVKTEKDDFIEL 306  
Qy 318 YTKG-LEGESLG---CSGSAAGSSGTLELPSTLS-----LYKSGA-----LDEAAAY 361  
Db 307 CTGVIKQKELGPVYQ---ASFSGTNIGKMSAISVHGVSSTSGGMYHYDMNTASLS 362  
Qy 362 QSRDYNNFPLALAGPPPPPPHARIKLENPLDYGSANAAAAAQAQRYGDLASLHGAGA 421  
Db 363 QQQD--QKPVNVPIPP-----VGSN-----W-----NRCQ----- 388  
Qy 422 AGPGSGPSAAASSSWHTLFTAEGLYGPCCGGGGGGGGGGGGGGGGGGGGGGGGG 481  
Db 389 ---GSGEDSLTSL-----GALNFP-----PS-----SSAATG-- 434  
Qy 482 APYCYTRPPQLAGQESDFTAPDWWPGMVSRVVPYPTCVKSEMPWMDSYSGPYGDM 541  
Db 409 FSGYSSP-----GMRPDVSSP-----PS-----SSAATG-- 434  
Qy 542 RLETARDHVLPIDYFPPOKTLICGDEASGCHYGALTGCKVFKKRAEGKQKYLCA 601  
Db 435 -----PPKLCVCSDEASGCHYGVLTCGCKVFKKRAVEGQHNLCA 478  
Qy 602 RNDCTIDKFRKNCPSRLKCYEAGMTLGARKLKLGNLKLQEEGEASSTTPTBETQ 661  
Db 479 RNDCTIDKIRKNCPCACRYKCLQAGNLEARKTK-----KIKGIOATAGVSDTSENP 534  
Qy 662 KLTVSHTEGECOPIFLNVLEATEPGVVCAGHNNOPDSFAALLSSNLGERQLVHVVK 721  
Db 535 NKILVPAALPOLPTLVLSLLEVEPEVLYAGYDSSVPSAWRIMTTLNMLGGRQVIAAVK 594  
Qy 722 WAKALPFRNLHVDDQMAVIOYSWMLGVFANGWRSFTVNSRMLYFADPLVFNEMH 781  
Db 595 WAKAILGLRNLHLDQMTLLQYSWMLFMAFALGWSYROSSGNLFCAPLILNEORMSL 654  
Qy 782 SRMYSQCVMRHLRSQFGLWLOITPOEFICMKAALLFSIIPVGLKNKQFPDELRMYIKE 841  
Db 655 PCMYDQCKHMLFVSSSELQRLQVSYEELCMKTLTLLSSVPEKGLKSOELFDEIRMYIKE 714  
Qy 842 LDRIIACKRKNPTSCRRYQTLTKLDSVOPIARELHQFTFDLLIKSHMVSVDFPEWMAE 901  
Db 715 LGKAIKVRKGNSSQNQRVYQTLTKLDSMHVENVNLLTYCFOTFLDKTM-SIEFPPEMAE 773  
Qy 902 IISVQVPKILSGKVKPIYFH 921  
Db 774 IITNQIPKYSNGINKKLLFH 793

RESULT 10  
US-08-764-870-13  
; Sequence 13, Application US/08764870  
; Patent No. 6236946  
; GENERAL INFORMATION:  
; APPLICANT: Scanlan, Thomas S  
; APPLICANT: Baxter, John D  
; APPLICANT: Fletterick, Robert J  
; APPLICANT: Wagner, Richard L

APPLICANT: Kushner, Peter J  
 APPLICANT: Apriletti, James W  
 APPLICANT: West, Brian  
 TITLE OF INVENTION: Nuclear Receptor Ligands and Ligand  
 TITLE OF INVENTION: Binding Domains  
 NUMBER OF SEQUENCES: 16  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Cooley Godward  
 STREET: Five Palo Alto Square, 3000 El Camino Real  
 CITY: Palo Alto  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 94306  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentLin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/764,870  
 FILING DATE: 13-DEC-1996  
 CLASSIFICATION: 530  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 60/008,540  
 FILING DATE: 13-DEC-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 60/008,543  
 FILING DATE: 13-DEC-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 60/008,606  
 FILING DATE: 14-DEC-1995  
 NAME: Nakamura, Jackie N  
 ATTORNEY/AGENT INFORMATION:  
 REGISTRATION NUMBER: 35,966  
 REFERENCE/DOCKET NUMBER: UCAL-246/0105  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (650)843-5000  
 INFORMATION FOR SEQ ID NO: 13:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 777 amino acids  
 TYPE: amino acid  
 STRANDEDNESS:  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-764-870-13

Query Match 21.2%; Score 1042; DB 4; Length 777;  
 Best Local Similarity 32.6%; Pred. No. 8e-69;  
 Matches 298; Conservative 95; Mismatches 255; Indels 266; Gaps 31;  
 QY 121 POSALECHPERGCVPE-----PGAAVAASKGLPOOLFA-----153  
 DB 15 PSSVLA--QERGDMDFYKTLRGATVKVSASSPSLAVASQSDSKORLLVDFPKGVSVN 72  
 QY 154 --PPEDDDSAAPSTLSLIGPT-----FP-----GLSSCADLKLSEASTMOLL 196  
 DB 73 AQPDLSKAVSUSMGLYMGETETKVMGNDLGFPOQGOQISLSSGETDLK--LLEESIANL- 129  
 QY 197 QOOQOBAVSEGGSSSGRAAREASGAPT-----SSKDNYL-GGTSTISNAK-----239  
 DB 130 --NRSTSVNPKSSASTAVSAAPTEKEPKTHSDVSSSQOHLKGQTGTNGGNVRLYTTD 187  
 QY 240 -----ELCKAVSVSMGLGVLEHLSPEQL-----RGD-----CMYAPLLGVPVAVRPT 284  
 DB 188 QSTFDLQDLLEFSG-----SPKGTENSPWRSDDLIDENCLLSPLAGE-----231  
 QY 285 PCAPLAECKGSLDDDS---AGKSTEDTALYSPPKGGYTKLEGESLGCSSGSAAGSSGTL 341  
 DB 232 -----DDSFLLGEGNSND-----CK-----PL 248  
 QY 342 ELPSTLSLYKSGALDEAAVQSRDYNFPLALAGPPPPPPPPHARIKLENPLDYGSAW 401

DB 249 ILPDTKPKIKD-----NGDLVLSPPSNVTLF-----QVKTEKEDFIELCT 288  
 QY 402 AAAAQCRCRYGDL---ASLHGAGACPGSGSPSAAASSSWHTLFTAEEGQLYPCGGGGGG 458  
 DB 289 PGVIRKQELGTIVYCOASPPGANIIG-----NKMALISVHGVSTIS-----327  
 QY 459 GGGGGGGGGGGGGGGEAGAVAPYGYTRPPQGIAGQSEDTAPDV-----W--506  
 DB 328 -----GGQM-----YHYDMNTASLSQOQDKQPIFNVPPIPVSENWNR 366  
 QY 507 -----YPGGMVSRVPYSPCYKSEMPWMDSYSGPYGDMRLETARDHV 550  
 DB 367 CQSGDDNLTSLGTLNFPQTVFESNGYSPPS-----MRP--DVSSPPSSSTATTG-----415  
 QY 551 LPIDYFFPPQKTCCLICGDEASGCHYGALTGCKVFFRAAEGKOKYLCAARNDCITDKF 610  
 DB 416 -----PPKLCVCSDEASGCHYGVLTCGCKVFFRAVEGQHNYLCAGRNDICIIDKI 468  
 QY 611 RRKNPCSLRCKYBAGMTLGARKLKLGNLKLQEGEASSTTSPTETW---KLTVSH 667  
 DB 469 RRKNCPACRYRCKLQAGMNLKARTKK-----KIKGIOQATTGVSQETSENPNGNKTIVP 522  
 QY 668 IEGYEQPIFLNLEAIEPQVVCAGHDNPNQPSFALLSSLNELGEROLVHVVKWAKALP 727  
 DB 523 ATLPQLTPTLVSLLEIEPEVLYAGYDSSVPDSTWRIMTLLNMLGROVIAVAKWAKAIP 582  
 QY 728 GFRLHVDQDMAVIOYSWMLVFAFGWRSEFTNVSRLYFAPDLVFNRYMHKSRMYSQ 787  
 DB 583 GFRLHLDQDMTLLQYSWMFLMAFALGWRSYRQSSANLLCFAPDLIINEORMTLCMYDQ 642  
 QY 788 CVMRHLDSQEFGLQITPQEFCLMKALLFTSIIPVDGLKNQKFFDELRMNYIKELDRRIA 847  
 DB 643 CKHMLYVSSELHRLQVSYBEYLCMKTLTLLSSVPKDLKSKQELFDEIRMTYIKELGKAI 702  
 QY 848 CKRKNPTSCRRFYQLTKLSDVOPARELHQFTEDLLIKSHMVSVDPRPMMAEIIISQV 907  
 DB 703 KREGNSSQNRQFYQLTKLSDMHVVENLLNYCPTQFLDKTM-SIEFFEMLAELIITNOI 761  
 QY 908 PKILSGKVKPIYFH 921  
 DB 762 PKYSNGNIKLLFHH 775  
 RESULT 11  
 US-08-980-115-13  
 : Sequence 13, Application US/08980115  
 : Patent No. 6266622  
 : GENERAL INFORMATION:  
 : APPLICANT: Scanlan, Thomas S.  
 : APPLICANT: Baxter, John D.  
 : APPLICANT: Fletcher, Robert J.  
 : APPLICANT: Wagner, Richard L.  
 : APPLICANT: Kushner, Peter J.  
 : APPLICANT: Apriletti, James W.  
 : APPLICANT: West, Brian L.  
 : APPLICANT: Shlau, Andrew K.  
 : TITLE OF INVENTION: NUCLEAR RECEPTOR LIGANDS AND LIGAND BINDING DOMAINS  
 : FILE REFERENCE: UCAL-246/0205  
 : CURRENT APPLICATION NUMBER: US/08/980,115  
 : CURRENT FILING DATE: 1997-11-26  
 : EARLIER APPLICATION NUMBER: 08/764,870  
 : EARLIER FILING DATE: 1996-12-13  
 : EARLIER APPLICATION NUMBER: 60/008,606  
 : EARLIER FILING DATE: 1995-12-14  
 : EARLIER APPLICATION NUMBER: 60/008,543  
 : EARLIER FILING DATE: 1995-12-13  
 : EARLIER APPLICATION NUMBER: 60/008,540  
 : NUMBER OF SEQ ID NOS: 17  
 : SOFTWARE: PatentLin Version 2.0  
 : SEQ ID NO 13  
 : LENGTH: 777  
 : TYPE: PRT



ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: DOMAIN  
 LOCATION: (506)...(762)  
 OTHER INFORMATION: minimal ligand binding domain  
 us-08-980-115-13

Query Match 21.2%; Score 1042; DB 4; Length 777;  
 Best Local Similarity 32.6%; Pred. No. 8e-69;  
 Matches 298; Conservative 95; Mismatches 255; Indels 266; Gaps 31;

QY 121 QSALECHPERGCVPE-----PCAAVAASKGLPQOLPA----- 153  
 DB 15 PSSVLA--QERGDVMDYKTLRGATVKVSASSPSLAVASQSDSKORRLVDFPKSVSN 72  
 QY 154 --PPDEDDSAAPTSLSLGPT-----FP-----GLSSCSADLKQILSEASTMQL 196  
 DB 73 AQPDLSKAVSLSMGLYMGETETKVMGNDLGFPPQOQISLSGETDLK--LLESTIANL- 129  
 QY 197 QOQOQEAIVSGSSGRAREASGAPT-----SSKDNYL-GGTSTISDNK----- 239  
 DB 130 --NRSTSVENPKSSASTAVSAPEKEFPKTHSDVSSEQOHLKGQTGTNGNVKLYTTD 187  
 QY 240 ----ELCKAVSVSMGLVEALEHLSPEQL-----RGD-----CMYAPLLGVPPAVRPT 284  
 DB 188 QSTFDILQDLFEFSG-----SPGKETNESPWRSDDLIDENCLLSPLAGE----- 231  
 QY 285 PCAPLAECKSLDDSS--AGKSTEDTAEYSPFKGGYTKLEGESLGCSSGSAAGSGYL 341  
 DB 232 ----DDSFLEGSNED-----CK-----PL 248  
 QY 342 ELPSTLSLYKSGALDEAAAYOSRDYNNFPLALAGPPPPPPPPHPIKLENPLDYGSW 401  
 DB 249 ILPTDKPKID-----NGDLVLSPPNVLP-----OVTERKDFIELCT 288  
 QY 402 AAAAAQCRYGDL---ASLHGAGAGPQSGSPSAAASSSHHTLFTAEQGLYPCGGGGGG 458  
 DB 289 PGVTKQEKLTGVYCOASFPGANIIG-----NKMSAISVHGVS----- 327  
 QY 459 GGGGGGGGGGGGGGGEAGAVPYGTRPPQGLAQESDFTAPDV-----W----- 506  
 DB 328 -----GGQM-----YHDMNTASLSQOQDQKIFNVIPVPGSNNWR 366  
 QY 507 -----YPGGMVRVYPSPTCVKSMGPMWDSYSGPYGDMRLETARDHV 550  
 DB 367 CQSGDDNLTSLGTLNFPGTFTVSNYSFSS-----MRP--DVSSPPSSSTATTG----- 415  
 QY 551 LPDIYFPPOKTCCLIGDEASGCHYGALTGCGCKVFKRAAEGKQKYLCAASRNDCTIDRF 610  
 DB 416 -----PPPKLCLVGSDEASGCHYGLTGCCKVFKRAVEGQHNYLCAGRNDCTIIDKI 468  
 QY 611 RRKNPCSLRKYECAGMTLGARKLKLGNLQOEGEASSTSPTEETQ---KLTVSH 667  
 DB 469 RRKNPCACRYKCLQAGNLEARKTK-----KIKIQOATTVGSQETSENPGNKTIYP 522  
 QY 668 IEGYECOIPIPLVLEAIEPVVCAGHDNDNPDFAALLSLNELGERQLVHVVKAKALP 727  
 DB 523 ATLPTLTPLVLSLEIEPEVLVAGYDSSVPDSTWIMTLNMLGGRQVIAAVKAKALP 582  
 QY 728 GFRNLHVDDQMAVIOYVSWMGLVAFMGWRSFTNVNSRMILYFAPDLVFNRYMHKSRMYSQ 787  
 DB 583 GFRNLHLDQMTLQYVSWMFLMAFALGWRYSROSSANLLCFAPDLIINEQRWTLPCMYDQ 642  
 QY 788 CVMRHLISOEFGWLQITPQEFCLMKALLLSFIIPVDGLNKGKFFDELRMNYIKELDRIT 847  
 DB 643 CKRMLVSSLEHLQVSEYECMLKTLTLLSSVPKDLKSOELFDEIRMTYIKELCAIV 702  
 QY 848 CKRKNPTSCRRRYQLTKLSDVQIARELHOFTFDLLIKSHMVSVDPPEMAEIIISVQV 907  
 DB 703 KREGNSQWQRYQLTKLSDHVEVNNLVNCFOTFLDKTM-STIEPPEMLAEIITNQIPK 921  
 QY 908 PKTILSGVKPIYFH 921

DB 762 PRYSNGNIKKLLFH 775  
 RESULT 12  
 5223606-7  
 Patent No. 5223606  
 APPLICANT: BLAUDIN DE THE, HUGHES; MARCHIO, AGNES; TIOLLAIS,  
 PIERRE; DEJEAN, ANNE  
 TITLE OF INVENTION: STEROID/THYROID HORMONE RECEPTOR-RELATED  
 PROTEIN INAPPROPRIATELY EXPRESSED IN HUMAN HEPATOCELLULAR CARCINOMA  
 NUMBER OF SEQUENCES: 11  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/134,130  
 FILING DATE: 17-DEC-1987  
 PRIOR APPLICATION DATA:  
 SEQ ID NO: 7  
 LENGTH: 356  
 5223606-7

Query Match 19.5%; Score 959.5; DB 6; Length 356;  
 Best Local Similarity 52.1%; Pred. No. 3.4e-63;  
 Matches 189; Conservative 62; Mismatches 99; Indels 13; Gaps 6;

QY 563 CLICGDEASGCHYGALTGCGCKVFKRAAEGKQKYLCAASRNDCTIDKFRKNCPSCRURK 622  
 DB 1 CLVCSDEASGCHYGVLTCGCKVFKRAVEGQHNYLCAGRNDCTIDKIRKNCPACRYRK 60  
 QY 623 CYEAGMTLGARKLKLGNLQOEGEASSTSPTEETQ---KLTVSHIEGYECOIPIFN 679  
 DB 61 CLOAGMNLARKTK-----KIKIQOATTVGSQETSENPGNKTIYPATLPTPLT 114  
 QY 680 VLEAIEPVVCAGHDNDNPDFAALLSLNELGERQLVHVVKAKALPFRNLHVDDQMA 739  
 DB 115 LLEVIEPEVLVAGYDSSVPDSTWIMTLNMLGGRQVIAAVKAKALPFRNLHLDQNT 174  
 QY 740 VLOYVSWMGLVAFMGWRSFTNVNSRMILYFAPDLVFNRYMHKSRMYSOCVVRMLHLSQEF 799  
 DB 175 LLOYVSWMFLMA-ALGWRYSROSSANLLCFAPDLIINEQRWTLPCMYDQCKHMLYVSELH 233  
 QY 800 WLQITPQEFCLMKALLLSFIIPVDGLNKGKFFDELRMNYIKELDRITACKRKNPTSCS-R 858  
 DB 234 RLOVSEYECMLKTLTLLSSVPKDLKSOELFDEIRMTYIKELCAIV-KREGLSNQQ 292  
 QY 859 RPYQLTKLSDVQIARELHOFTFDLLIKSHMVSVDPPEMAEIIISVQPKILSGVKPI 918  
 DB 293 RPYQLTKLSDHVEVNNLVNCFOTFLDKTM-STIEPPEMLAEIITNQIPKYSNGNIKKL 351  
 QY 919 YFH 921  
 DB 352 LFH 354

RESULT 13  
 US-09-041-886-32  
 Sequence 32, Application US/09041886  
 Patent No. 6235872  
 GENERAL INFORMATION:  
 APPLICANT: Bredesen, Dale E.  
 APPLICANT: Rabizadeh, Sharoz  
 TITLE OF INVENTION: Proapoptotic Peptides, Dependence  
 TITLE OF INVENTION: Polypeptides and Methods of use  
 NUMBER OF SEQUENCES: 72  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Campbell & Flores LLP  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: United States  
 ZIP: 92122  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/041,886  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LJ 2626  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 154 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-09-041-886-32

Query Match 16.2%; Score 795; DB 4; Length 154;  
Best Local Similarity 95.1%; Pred. No. 1.5e-51;  
Matches 154; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY 1 MEVQLGRLVYPRPSTYRGAFONLFQSVREVIONPGRHPEAASAAPGASILLLOOQ 60  
DB 1 MEVQLGRLVYPRPSTYRGAFONLFQSVREVIONPGRHPEAASAAPGASILLLL--- 57

QY 61 QQQ 120  
DB 58 -----QQ 112

QY 121 POSALECHPERGCVPEPCAAVAASKGLPQOLPAPPPDDDSAA 162  
DB 113 POSALECHPERGCVPEPCAAVAASKGLPQOLPAPPPDDDSAA 154

RESULT 14  
US-08-875-223-8  
Sequence 8, Application US/08875223  
Patent No. 6127175  
GENERAL INFORMATION:  
APPLICANT: VIGNE, Emmanuelle  
APPLICANT: PERRICAUDET, Michel  
APPLICANT: DEDIEU, Jean-Francois  
APPLICANT: ORSINI, Cecile  
APPLICANT: YEH, Patrice  
APPLICANT: LATTI, Martine  
APPLICANT: PROST, Edouard  
TITLE OF INVENTION: CELLS FOR THE PRODUCTION OF RECOMBINANT  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Rhone-Poulenc Rorer Inc.  
STREET: 500 Arcola Road, Mailstop 3C43  
CITY: Collegeville  
STATE: PA  
COUNTRY: USA  
ZIP: 19426  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875, 223  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA: FR 95/00747

FILING DATE: 20-JAN-1995  
PRIOR APPLICATION DATA: FR 95/06532  
APPLICATION NUMBER: FR 95/06532  
FILING DATE: 01-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 95/10541  
FILING DATE: 08-SEP-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR WO FR96/00088  
FILING DATE: 19-JAN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Fehlnert, Paul F.  
REGISTRATION NUMBER: 35,135  
REFERENCE/DOCKET NUMBER: ST95005G1-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (610) 454-3839  
TELEFAX: (610) 454-3808  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 534 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-223-8

Query Match 13.1%; Score 644.5; DB 3; Length 534;  
Best Local Similarity 51.3%; Pred. No. 1.1e-39;  
Matches 122; Conservative 46; Mismatches 69; Indels 1; Gaps 1;

QY 684 IEPGVVACAGHDNNQDPSFAALLSSNLGELGRLVHVVKAKALPCFRNLHVDDQMAVIOY 743  
DB 3 IEPVLYAGSYDSDVPDSTWRIMTLMGLGGQVIAAOKAKAIPGFRNLHDDQMTLQY 62

QY 744 SNWGLVFMAGWRFTNVNSRMLYFAPDLVFNVEYMRHKSRLMYSOCVRRHLSQBFGLQI 803  
DB 63 SNMFLMAFALGHRYSYROSSANLLCFAPDLIINEQRTPLCMYDQCKHMLYVSSELHRLQV 122

QY 804 TPQEFCKMALLFSIIPVDGLKNOKFFDELRMVYKELDRICKRKNPTSCSRFFOL 863  
DB 123 SYEVLCKMTLLLSVSPKDKLKSQELFDEIRMTYIKELGKAIKREGNSSONMORFYOL 182

QY 864 TKLLDSVQPIARELHQFTFDLLIKSHMVSDVDFPENMAETISVQVPKILSGKVKPIYFH 921  
DB 183 TKLLDSMHEVVENLLNYCFQTFDLDTM-SIEPPEMLAEIITNQIPKYSNGNIKKLLFH 239

RESULT 15  
US-08-592-214A-24  
Sequence 24, Application US/08592214A  
Patent No. 5811536  
GENERAL INFORMATION:  
APPLICANT: Yanofsky, Martin F.  
TITLE OF INVENTION: Cauliflower Floral Meristem Identify  
TITLE OF INVENTION: Genes and Methods of Using Same  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell and Flores  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/592,214A  
FILING DATE: 26-JAN-1996  
CLASSIFICATION: 536



